JC10 Rec'd PCT/PTO 17 JUN 2005

PTO-1390 (Rev. 02-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL LETTER TO THE UNITED STATES  ATTORNEY'S DOCKET NUMBER					
	ESIGNATED/ELECTED		US APPLICATION TO 15 Known (\$42.37 FR 1.5)		
CON	CERNING A SUBMISSIC	ON UNDER 35 U.S.C. 371	U.S. APP IION 19. (Skywigs 837 FR 1.5)		
	TONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED		
TITLE OF	2003/005556 INVENTION	18 Dec 2003 (18.12.2003)	18 Dec 2002 (18.12.2002)		
	DISPENSING DEVICE IT(S) FOR DO/EO/US				
		RIE, Alastair Bruce; COF	TEE, Ronald Alan		
	Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:				
1. <b>KX</b>	1. This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.				
2. 🔲 1	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.				
	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.				
4. XX	The US has been elected (Article 31).				
5. <b>KX</b>	A copy of the International Application	n as filed (35 U.S.C. 371(c)(2))			
	a is attached hereto (required only if not communicated by the International Bureau).				
	b. X* has been communicated by	y the International Bureau.			
	c. is not required, as the appli	ication was filed in the United States Receiv	ing Office (RO/US).		
6. 📙	An English language translation of th	ne International Application as filed (35 U.S.C	C. 371(c)(2)).		
	a. is attached hereto.				
_	b. Las been previously submi	itted under 35 U.S.C. 154(d)(4).			
7. <b>KX</b>	Amendments to the claims of the Inte	emational Application under PCT Article 19	(35 U.S.C. 371(c)(3))		
	a. are attached hereto (requ	ired only if not communicated by the Interna	itional Bureau).		
	b. have been communicated	by the International Bureau.			
	` <del></del>	vever, the time limit for making such amendr	nents has NOT expired.		
_	d. XX have not been made and	will not be made.			
8. 📙	An English language translation of the	he amendments to the claims under PCT Ar	ticle 19 (35 U.S.C. 371(c)(3)).		
9.	An oath or declaration of the invento	r(s) (35 U.S.C. 371(c)(4)).			
10.	An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).	ne annexes of the International Preliminary E	Examination Report under PCT		
Items	11 to 20 below concern document(	s) or information included:			
11.	An Information Disclosure Statemen	t under 37 CFR 1.97 and 1.98.			
12.	An assignment document for recordi	ing. A separate cover sheet in compliance w	rith 37 CFR 3.28 and 3.31 is included.		
13. 💌	A preliminary amendment.				
14.	An Application Data Sheet under 37	CFR 1.76.			
15.	A substitute specification.				
16.	A power of attorney and/or change of	of address letter.			
17.	A computer-readable form of the sec	quence listing in accordance with PCT Rule	13ter.2 and 37 CFR 1.821- 1.825.		
18.	A second copy of the published Inter	mational Application under 35 U.S.C. 154(d)	)(4).		
19. L 20. XX	Deleg		n under 35 U.S.C. 154(d)(4). ael Gegenheimer; Intl. Search Report		
20. 5	plus of the plus o	cited reference			

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mall Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## JC05 Rec'd PCT/PTO 17 JUN 2005

PTC-1390 (Rev. 02-2005)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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U.S. APPLICATI	ON NO. (if know	see 37-CFR 1.	5) INTERNATIONAL AF	PLICATION NO.	ATTORNEY'S DOC	KET NUMBER
1	ひ/うう	148/	PCT/GB2003/00	5556	13871US	
The follo	owing fees have b	een submitted			CALCULATIONS	PTO USE ONLY
21. Xk Basic national fee\$300				\$300	\$ 300.00	
22.					\$ 200.00	
	-					
	ch fee FR 1.445(a)(2)) h	as been paid on	the international application to	the USPTO as an		
Internation International Sear	Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority					
	TOTAL OF 21, 2	2 and 23 =	<del>" -</del>		\$1,000.00	
Additional fee sequence lis	TOTAL OF 21, 22 and 23 =  Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets		ch additional 50 or fraction up to a whole number)	RATE		
- 100 =	/50 =			x \$250	\$	
Surcharge of \$13 claimed priority de	0.00 for furnishing	the oath or dec	aration later than 30 months fr	-1	\$	
CLAIMS	NUME	ER FILED	NUMBER EXTRA	RATE	\$	
Total claims		45 -20=	25	x \$50	\$ 1,250.00	
Independent clain	ns	10 -3=	7	x \$200	\$ 1,400.00	<u> </u>
MULTIPLE DEPE		<del></del>	,	+ \$360	\$	† ··· -
		,, ,,	TOTAL OF ABOVE	CALCULATIONS =	\$ 3,650.00	
XX Applicant cla	ims small entity s	tatus. See 37 CF	R 1.27. Fees above are reduc	ed by 1/2.	3,030.00	
				SUBTOTAL =	\$ 1,825.00	
Processing fee of	\$130.00 for furni	shing the English	translation later than 30 mont			1
claimed priority da	Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					
		,	TOTAL	NATIONAL FEE =	\$ 1,825.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property \$						
		·	TOTAL F	EES ENCLOSED =	\$ 1,825.00	
		· · · · ·			Amount to be refunded:	\$
					Amount to be charged:	\$
a. A check						
b. Please charge my Deposit Account No in the amount of \$ to cover the above fees.						
A duplicate copy of this sheet is enclosed.  c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit						
Account No A duplicate copy of this sheet is enclosed.						
d. 以 Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.						
SEND ALL CORRESPONDENCE TO:						
C. Michael Gegenheimer SIGNATURE						
l Kattelle Memorial Institute						
505 King Avenue  C. Michael Gegenheimer  NAME						
Columbus OH 43201-2693 33,387						
				REGISTRATIO	ON NUMBER	

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE DO/EO/US CONCERNING SUBMISSION UNDER 35 U.S.C. 371

In re U.S. Nation PCT/GB2003/00		) )	
Inventors:	Davies, David Neville et al.	) ) File No:	13871US
Intl. Filing Date: For: AROM	18 Dec 2003 A DISPENSING DEVICE	) ) ) Date: )	17 June 2005
		)	

## **CERTIFICATE OF MAILING**

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Dear Sir:

The undersigned hereby certifies that the attached:

Item	No. of Sheets
PTO-1390 Transmittal Letter to DO/EO/US Concerning Submission	4
under 35 U.S.C. 371 (in duplicate)	·
PTO-2038 Credit Card Payment Form	1
Preliminary Amendment	12
PCT/ISA/220 Transmittal of Intl Search Report; PCT/ISA/210	19
International Search Report plus cited reference	
Delegation of Authority to C. Michael Gegenheimer	1
Return Receipt Postcard	1

are being deposited w	ith the United States Postal Service as:
	First Class Mail
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in an envelope addressed to the Commissioner for Patents, Mail Stop PCT, P.O. Box 1450, Alexandria, Virginia 22313-1450, on the date set forth below.

<u> Brenda Block Koone</u> Signature

17 June 2005 Date of Deposit

Brenda Block Koone Battelle Memorial Institute 505 King Avenue Columbus, Ohio 43201-2693 (614) 424-3298 phone (614) 424-3864 facsimile kooneb@battelle.org